

Table 13.14
Leukemia

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year and Age

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1960-1963 ^a	-	-	-	14	-	-	-	-	-
1970-1973 ^a	-	-	-	22	-	-	-	-	-
1975-1977 ^b	34.1	33.0	35.5	34.6	33.6	35.8	33.1	30.0	36.5
1978-1980 ^b	36.0	35.0	37.3	36.7	35.8	37.9	28.2	27.3	29.3
1981-1983 ^b	37.3	37.0	37.7	38.1	37.8	38.4	33.9	33.4	34.3
1984-1986 ^b	40.5	40.1	41.0	41.6	41.3	42.0	32.7	31.5	34.1
1987-1989 ^b	42.8	44.0	41.3	43.9	45.5	41.7	35.0	32.7	37.8
1990-1992 ^b	45.0	44.4	45.8	46.2	46.1	46.5	35.7	30.5	41.3
1993-1995 ^b	47.2	48.1	46.0	48.3	49.2	47.1	40.9	41.0	40.6
1996-1998 ^b	47.9	48.2	47.5	49.3	49.2	49.3	38.0	38.9	36.9
1999-2002 ^b	51.8	52.4	51.1	52.7	53.2	52.0	44.6	46.6	42.5
2003-2009 ^b	59.2 ^e	60.0 ^e	58.1 ^e	60.0 ^e	60.6 ^e	59.1 ^e	53.2 ^e	55.7 ^e	50.2 ^e
5-Year Period Survival (Percent) ^{cd}									
2009	57.2	58.1	55.9	57.4	58.0	56.5	49.7	51.6	47.4
5-Year Relative Survival (Percent), 2003-2009 ^c									
Age at Diagnosis:									
Ages <45	71.6	71.1	72.4	72.6	72.2	73.1	62.9	61.3	65.0
Ages 45-54	65.2	66.8	62.7	66.2	67.7	63.8	56.9	57.7	55.5
Ages 55-64	62.7	62.7	62.8	63.5	63.3	63.9	51.4	51.1	51.8
Ages 65-74	52.9	52.2	53.9	54.2	53.1	55.9	40.1	40.6	39.4
Ages 75+	36.1	35.3	36.8	36.4	35.7	37.2	28.6	27.5	29.2
Ages <65	67.4	67.4	67.5	68.2	68.1	68.3	58.3	57.5	59.4
Ages 65+	43.1	43.1	43.1	43.7	43.6	43.9	34.1	34.7	33.4

^a Based on End Results data from a series of hospital registries and one population-based registry.

^b SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2010.

^c SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Based on follow-up of patients into 2010.

^d Period survival provides a 2009 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2007-2009: 0-1 year survival), (2006-2008: 1-2 year survival), (2005-2007: 2-3 year survival), (2004-2006: 3-4 year survival), (2003-2005: 4-5 years survival).

^e The difference between 1975-1977 and 2003-2009 is statistically significant ($p < .05$).

^f The standard error is between 5 and 10 percentage points.

^g The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.